CHINOOK

Columbia River Bar Pilots Association

STATUTE MILES
COLUMBIA RIVER

Mileage distances along the Columbia River are in Statute Miles. Distances along the Columbia River are eastward from the mouth, and are indicated thus: —•—

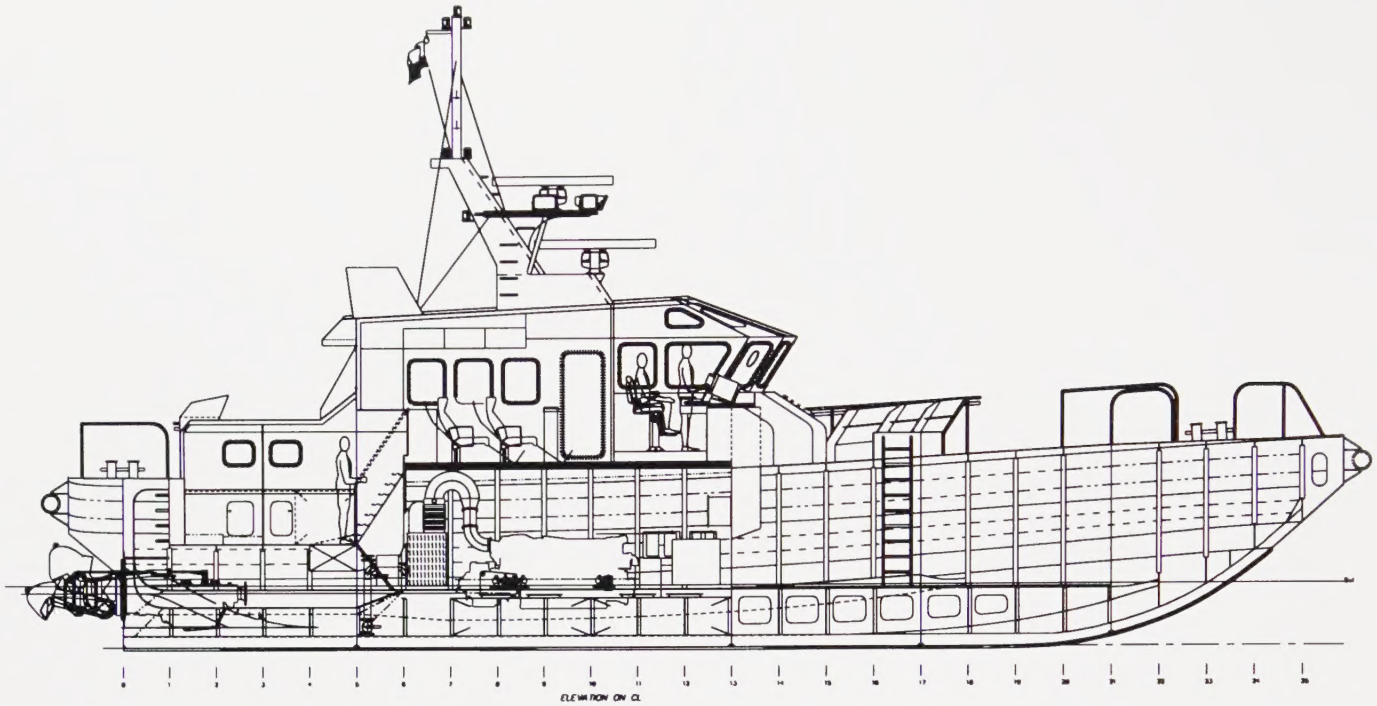
Tables for converting Statute Miles to International Nautical Miles are given in Coast Pilot 7.

RADAR REFLECTORS

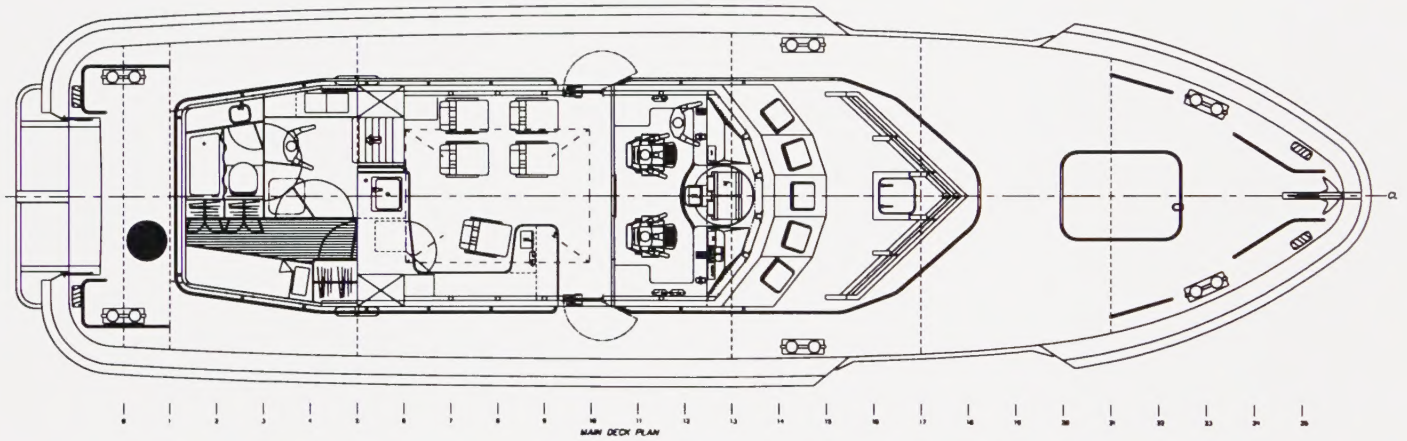
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

SKIPANON WATERWAY

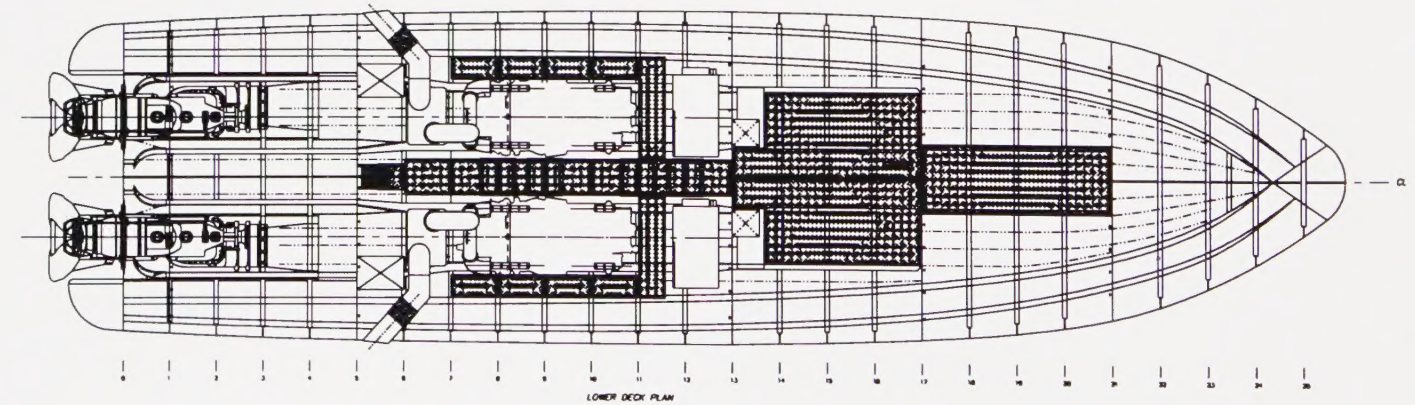
The controlling depth was 10 feet for a mid-width of 100 feet to the turning basin, thence 5 feet in the turning basin, thence 6 feet for a width of 100 feet to the end of the project.



ELEVATION ON CL



MAIN DECK PLAN



LOWER DECK PLAN

SPECIFICATIONS
Pilot Boat - Chinook

Owner/Operator	Columbia River Bar Pilots Association
Designer	Camarc, Ltd., England
Shipyard	Kvichak Marine Industries, Inc., USA
Year Built	2000
Construction	All aluminum alloy, main structure to ABS design approval
General Characteristics	Length, overall 72.8 feet (22.2 m) Length, waterline 61.7 feet (18.8 m) Beam, overall 21.3 feet (6.4 m) Draft 3.6 feet (1.1 m)
Speed	>29 knots
Displacement	53.4 tons (48.5 tonnes)
Engines	(2) DDA 16V2000 diesel engines, 1285 horsepower @ 2100 RPM
Transmissions	(2) DDA 6619SC, 2.03:1 reduction
Propulsors	(2) Hamilton 651 Waterjets
Generators	(2) Northern Light 32 KW
Fuel Capacity	(2) 550 gallon integral aluminum fuel tanks
Freshwater	(1) 100 gallon tank, hot and cold supply throughout
Electronics	Radar (2) Furuno 2115 console, X-band, 10 target ARPA GPS (2) Furuno GP8-D Autopilot (1) Robertson AP9 Gyro (1) Robertson RGC10, RSR8805 repeater VHF (3) SEA 156H, separate channels VHF (2) Midland 70-1340B on base frequency
Stablility	Positive righting through 180°
Complement	2 crew + 4 pilots
Fendering	Shock-absorbing foam, polyethylene contact surface
MOB Recovery Equipment	(1) Custom articulated platform (1) Custom articulated A-frame hoist

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